

Title (en)

SYSTEM AND METHOD FOR TRANSMITTING A LOW DENSITY PARITY CHECK SIGNAL

Title (de)

SYSTEM UND VERFAHREN ZUM ÜBERTRAGEN EINES LDPC-SIGNALS

Title (fr)

SYSTÈME ET PROCÉDÉ PERMETTANT DE TRANSMETTRE UN SIGNAL DE CONTRÔLE DE PARITÉ À FAIBLE DENSITÉ

Publication

**EP 2617136 A4 20140423 (EN)**

Application

**EP 11826020 A 20110916**

Priority

- US 201113233822 A 20110915
- US 38361510 P 20100916
- US 2011051939 W 20110916

Abstract (en)

[origin: US2012069830A1] A system and method for transmitting LDPC parameters is provided. In the method, an initial number of OFDM symbols (Nsym\_init) is determined for a packet that is based on the number of information bits to be delivered in the packet. An STBC value is also determined. A number of extra symbols (Nsym\_ext) value is generated based on the Nsym\_init value, wherein a Nsym value is based on said Nsym\_init value and said Nsym\_ext value. An Nldpc\_ext value is determined based on the STBC value and the Nsym\_ext value for purposes of determining LDPC parameters associated with the packet.

IPC 8 full level

**H04L 1/00** (2006.01)

CPC (source: EP KR RU US)

**H03M 13/11** (2013.01 - KR); **H04L 1/00** (2013.01 - KR); **H04L 1/0057** (2013.01 - EP US); **H04L 1/0065** (2013.01 - EP RU US); **H04L 1/0067** (2013.01 - EP US); **H04L 1/0068** (2013.01 - RU); **H04L 1/0618** (2013.01 - RU); **H04L 1/0625** (2013.01 - EP US); **H04L 1/0643** (2013.01 - EP US); **H04L 27/2627** (2013.01 - RU); **H04L 69/22** (2013.01 - RU); **H04L 27/2601** (2013.01 - EP US)

Citation (search report)

- [A] US 2008204286 A1 20080828 - KOSE CENK [US]
- [AP] ROBERT STACEY (INTEL): "Proposed TGac Draft Amendment ; 11-10-1361-03-00ac-proposed-tgac-draft-amendment", IEEE SA MENTOR; 11-10-1361-03-00AC-PROPOSED-TGAC-DRAFT-AMENDMENT, IEEE-SA MENTOR, PISCATAWAY, NJ USA, vol. 802.11ac, no. 3, 19 January 2011 (2011-01-19), pages 1 - 154, XP068035312
- See also references of WO 2012037460A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**US 2012069830 A1 20120322; US 8644282 B2 20140204;** AU 2011301908 A1 20130321; AU 2011301908 B2 20140710; BR 112013006127 A2 20170919; BR 112013006127 B1 20201201; CA 2810533 A1 20120322; CA 2810533 C 20160816; CN 103109464 A 20130515; CN 103109464 B 20160316; EP 2617136 A1 20130724; EP 2617136 A4 20140423; EP 2617136 B1 20170705; ES 2638283 T3 20171019; HK 1183170 A1 20131213; HU E034278 T2 20180228; JP 2013541904 A 20131114; JP 2014161065 A 20140904; JP 5524421 B2 20140618; JP 6013393 B2 20161025; KR 101554791 B1 20150921; KR 20130060325 A 20130607; MX 2013002813 A 20130607; MY 165716 A 20180420; MY 181684 A 20201231; PH 12015501068 A1 20151005; PH 12015501068 B1 20151005; RU 2013117125 A 20141027; RU 2015105198 A 20150610; RU 2015105198 A3 20180620; RU 2546571 C2 20150410; RU 2664396 C2 20180817; SG 10201507661R A 20151029; SG 188523 A1 20130430; UA 106311 C2 20140811; WO 2012037460 A1 20120322

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